GOT-3128T

12.1" SVGA TFT NEMA 4X Fanless Touch Panel Computer (-20° ~ +55°C)

Features

Extended Temp.   Fanless   LOW POWER   DualView

- ■ 12" SVGA (800 x 600) color TFT LCD display
- ■ Fanless cooling system with ULV Intel® Celeron® M 1.0 GHz processor
- ■ NEMA 4X compliant stainless front bezel
- ■ Supports wide temperature range, from -20° to +55°C
- ■ Anti-vibration up to 1.3G (HDD, random)
- ■ Supports WLAN antenna (IEEE 802.11b/g) (optional)
- ■ Over-current power protection-fuse
- ■ Supports various mounting ways: panel, desktop, VESA, wall (optional)

1. Power switch	6. Ethernet
2. Audio (Line-out)	7. USB 2.0 x 2
3. COM 1 (RS-232/422/485)	8. PS/2 K/B+M/S
4. VGA	9. COM 2 (RS-232)
5. Ethernet	10. COM 3 (RS-232)

Side view

Introduction

The GOT-3128T is a 12.1" fanless touch panel computer designed for food and beverage applications. With a NEMA 4X compliant stainless front bezel, the GOT-3128T also runs in a wide temperature range, from -20°to +55°C. The GOT-3128T features a modern, super slim fanless design, is equipped with a 12.1" TFT LCD, and low power consumption ULV Intel® Celeron® M 1 GHz processor. In response to customer's requests for wireless applications, the GOT-3128T has a MiniPCI slot and a optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the MiniPCI WLAN card, customers have instant access wireless LAN. The GOT-3128T is suitable for the food & beverage industry, chemical factories, transportation applications, and more.

Wide-temperature (-20°~ +55°C) supported
The GOT-3128T adopts unique extended temperature technology, with a temperature range from -20°to +55°C, with a fanless cooling system and compact design for harsh environments.

NEMA 4X compliant design
The GOT-3128T features a stainless and IP65 water-proof front bezel, so the enclosure offers total protection against falling water and is easily cleaned by high pressure water jets.

Super slim design
The GOT-3128T is a super slim fanless touch panel computer for limited space environments. This fanless touch panel computer is designed around the concept of curved lines and soft edges by incorporating a Celeron-M ULV CPU and streamlined mechanical layout.

Anti-vibration up to 1.3G
With a special vibration-resistant design patent, the GOT-3128T can work well under 1.3G (5 ~ 500Hz) in operation mode, and equipped with a 2.5" HDD.

Specifications

Front Bezel		IP65, NEMA 4X rugged protection, stainless front bezel		BIOS	Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup.
LCD Panel	Display Type	12.1" SVGA TFT LCD			
	Brightness (cd/m²)	450 nits			
	Resolution	800 x 600		Storage	1 x 2.5" IDE HDD 1 x CompactFlash™
	View Angle (H/V)	130°/120°			
Main System	CPU	ULV Intel® Celeron® M processor 1.0 GHz		Watchdog Timer	255 levels, 0–255 sec.
	Chipset	Intel® 852GM+ICH4			
	System Memory	1 x 200pin DDR SODIMM max. up to 1GB		Onboard Graphics	Integrated Intel® 852GM GMCH

* All specifications and photos are subject to change without notice.

I/O Connector	2 x RS-232 (COM 2/3)
	1 x RS-232/422/485 (COM 1)
	1 x VGA
	1 x Audio (Line-out)
	1 x PS/2 keyboard/mouse
	2 x USB 2.0
	2 x 10/100Mbps Ethernet
Expansion Interface	1 x MiniPCI slot
Touchscreen	Resistive type
Power Supply	16~28V$_{DC}$, 36W, w/ fuse power protection
Dimensions	338mm (13.1") (W) x 72.4mm (2.83") (D) x 272mm (10.7") (H)
Weight (net/gross)	5.4 kg (12 lb)/7.45 kg (16.44 lb)
Environmental	Operation temperature: -20°C ~ +55°C (-4°F ~ +131°F)
	Relative humidity: 10% ~ 95% @40°C; non-condensing
	Operation vibration:
	1.3G, 5 ~ 500Hz, random for 2.5" HDD
	3G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE

Ordering Information

GOT-3128T	12.1" SVGA TFT fanless touch panel computer with resistive T/S, stainless front bezel
82231200090E	Wall/VESA mount kit for GOT-3120T
82231200080E	Desktop stand kit for GOT-3120T
E989110036	VESA ARM wall mount type
E989110035	VESA ARM clamp type
E392203100	802.11 b/g wireless LAN kit
50966A23020E	Power adapter, 72W, 110~230V$_{AC}$ to 24V$_{DC}$

*Specifications and certifications are limited to optional.

Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® 2000
Windows® XP
Linux Kernel 2.6

Dimensions

Wall Mounting Hole Dim.

Panel Cut-Out Dim.